

ASUS Vivobook 16 M1607KA-MB148W AMD Ryzen AI 5 340 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB15F1-M00A60

Product name : M1607KA-MB148W



AMD Ryzen AI 5 340 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 840M, WLAN, Webcam, Windows 11 Home 64-bit

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Smart, Streamlined, Safe

ASUS Vivobook 16 is the perfect sidekick for your daily adventures. With a speedy up to AMD Ryzen™ AI 5 330 processor, 16 GB1 of RAM, and a spacious 512 GB SSD2, you'll breeze through tasks like a pro. Its stunning up to 16:10 WUXGA(WU) 1920x1200 IPS 60 Hz 16-inch display brings everything to life in crisp detail. The sleek modern design features a comfy and quiet ASUS ErgoSense keyboard, a roomy touchpad with intuitive gesture support, and a flexible 180° hinge, making your workdays and playdays more efficient and enjoyable. Plus, with top-notch security features and military-grade durability, you can relax knowing your laptop is as tough as it is smart. Upgrade your everyday with this amazing ASUS Vivobook laptop!

| Design | | Network | |
|---------------------------|-------------------------|---|--------------------|
| Colour name | Quiet Blue | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Product type * | Laptop | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Product colour * | Blue | Mobile network connection * | ✗ |
| Form factor * | Clamshell | Antenna type | 2x2 |
| Housing material | Plastic | Ethernet LAN | ✗ |
| Market positioning | Home | Bluetooth | ✓ |
| Country of origin | China | Bluetooth version | 5.3 |
| Display | | Ports & interfaces | |
| Display diagonal * | 40.6 cm (16") | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Display resolution * | 1920 x 1200 pixels | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 2 |
| Touchscreen * | ✗ | HDMI ports quantity * | 1 |
| HD type | WUXGA | HDMI version | 2.1 |
| Panel type | IPS-Level | Combo headphone/mic port | ✓ |
| LED backlight | ✓ | USB Type-C DisplayPort Alternate Mode | ✓ |
| Native aspect ratio | 16:10 | Performance | |
| Anti-glare screen | ✓ | Repairability index | 9.2 |
| Display brightness | 300 cd/m² | Keyboard | |
| RGB colour space | NTSC | Pointing device | Touchpad |
| Colour gamut | 45% | Numeric keypad * | ✓ |
| Maximum refresh rate | 60 Hz | Copilot key | ✓ |
| Processor | | Software | |
| Processor manufacturer * | AMD | Operating system architecture | 64-bit |
| Processor family * | AMD Ryzen AI 5 | | |
| Processor generation | AMD Ryzen AI 300 Series | | |
| Processor model * | 340 | | |
| Processor cores | 6 | | |
| Processor threads | 12 | | |
| Processor boost frequency | 4.8 GHz | | |

| Processor | | Software | |
|--------------------------------|-------------------|--|--|
| Processor frequency * | 2 GHz | Trial software | 1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days |
| L3 cache | 16 MB | | |
| L2 cache | 6 MB | | |
| Processor cache type | L2 & L3 | Operating system installed * | Windows 11 Home |
| Neural processor unit (NPU) | | Bundled software | One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025. |
| Neural processor unit (NPU) | AMD Ryzen AI | | |
| NPU performance up to | 50 TOPs | | |
| Memory | | Microsoft Copilot | ✓ |
| Internal memory * | 16 GB | Copilot+ PC | ✓ |
| Internal memory type | DDR5-SDRAM | Battery | |
| Memory form factor | On-board | Battery technology | Lithium-Ion (Li-Ion) |
| Memory slots | 1x SO-DIMM | Number of battery cells | 4 |
| Maximum internal memory * | 32 GB | Battery capacity * | 70 Wh |
| Storage | | Power | |
| Total storage capacity * | 512 GB | AC adapter power | 65 W |
| Storage media * | SSD | AC adapter frequency | 50 - 60 Hz |
| Total SSDs capacity | 512 GB | AC adapter input voltage | 100 - 240 V |
| Number of SSDs installed | 1 | AC adapter output current | 3.25 A |
| SSD capacity | 512 GB | AC adapter output voltage | 20 V |
| SSD interface | PCI Express 4.0 | USB Type-C charging port * | ✓ |
| NVMe | ✓ | USB Power Delivery (USB PD) | ✓ |
| SSD form factor | M.2 | Security | |
| M.2 SSD size | 2280 (22 x 80 mm) | Face recognition | ✓ |
| Optical drive type * | ✗ | Windows Hello | ✓ |
| Graphics | | Trusted Platform Module (TPM) | ✓ |
| Discrete graphics card model * | Not available | Password protection | ✓ |
| On-board graphics card * | ✓ | Password protection type | BIOS, User |
| On-board GPU manufacturer | AMD | Certificates | |
| Discrete graphics card * | ✗ | Compliance certificates | REACH |
| On-board graphics card family | AMD Radeon | Weight & dimensions | |
| On-board graphics card model * | AMD Radeon 840M | Width | 357 mm |
| Audio | | Depth | 250.6 mm |
| Audio system | SonicMaster | Height (front) | 1.79 cm |
| Built-in microphone | ✓ | Height (rear) | 1.99 cm |
| Camera | | Weight * | 1.89 kg |
| Front camera | ✓ | Packaging data | |
| Front camera HD type | Full HD | Package width | 488 mm |
| Infrared (IR) camera | ✓ | Package depth | 65 mm |
| Privacy camera | ✓ | Package height | 310 mm |
| Privacy type | Privacy shutter | Package weight | 4.82 kg |
| | | Packaging content | |
| | | AC adapter included * | ✓ |
| | | Logistics data | |
| | | Commodity Classification Automated Tracking System (CCATS) | 8471300000 |



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Catalog Object Cloud



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